

Gregory, Bernarr

From: PLUS
Sent: Wednesday, July 07, 2004 1:27 PM
To: Gregory, Bernarr
Subject: PLUS Results for 10603843

Here are the PLUS search results for 10603843.

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10603843_QUAL.txt



10603843_UST.txt



10603843_WEST.txt



10603843_EAST.txt



10603843.east



10603843_CLS.txt



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10603843_QUAL

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10603843_QUAL

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PLUS Search Results for S/N 10603843, Searched July 07, 2004

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10603843_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10603843 on July 07, 2004

Original Classifications

4	342/104
3	342/42
2	310/313R
2	340/10.1
2	340/10.41
2	342/25R
2	342/375
2	348/614
2	385/24
2	701/300

Cross-Reference Classifications

6	340/10.1
6	342/44
6	342/51
4	340/10.3
4	340/10.4
4	342/42
3	342/114
3	342/115
3	342/175
3	385/37
2	333/156
2	333/245
2	342/194
2	342/196
2	342/25A
2	342/378
2	342/43
2	342/50
2	343/720
2	343/721
2	343/778
2	385/7
2	701/217

Combined Classifications

8	340/10.1
7	342/42
6	342/44
6	342/51
5	340/10.3
5	342/104

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4 340/10.4
4 342/115
4 385/37
3 310/313R
3 333/156
3 340/10.41
3 342/114
3 342/175
2 310/313D
2 333/160
2 333/245
2 342/132
2 342/189
2 342/194
2 342/196
2 342/25A
2 342/25R
2 342/375
2 342/378
2 342/43
2 342/47
2 342/50
2 343/720
2 343/721
2 343/778
2 348/614
2 385/24
2 385/7
2 701/217
2 701/300

10603843_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10603843 on July 07, 2004

8	340/10.1	(2 OR, 6 XR)
	Class 340 :	COMMUNICATIONS: ELECTRICAL
	340/825	SELECTIVE
	340/10.1	.Interrogation response
7	342/42	(3 OR, 4 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
		AND DEVICES
	342/42	RADAR TRANSPONDER SYSTEM
6	342/44	(0 OR, 6 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
		AND DEVICES
	342/42	RADAR TRANSPONDER SYSTEM
	342/44	.Unique identity
6	342/51	(0 OR, 6 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
		AND DEVICES
	342/42	RADAR TRANSPONDER SYSTEM
	342/51	.Transponder only
5	340/10.3	(1 OR, 4 XR)
	Class 340 :	COMMUNICATIONS: ELECTRICAL
	340/825	SELECTIVE
	340/10.1	.Interrogation response
	340/10.3	..Interrogation signal detail
5	342/104	(4 OR, 1 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
		AND DEVICES
	342/104	DETERMINING VELOCITY
4	340/10.4	(0 OR, 4 XR)
	Class 340 :	COMMUNICATIONS: ELECTRICAL
	340/825	SELECTIVE
	340/10.1	.Interrogation response
	340/10.4	..Response signal detail
4	342/115	(1 OR, 3 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
		AND DEVICES
	342/104	DETERMINING VELOCITY

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342/115 .Digital

4 385/37 (1 OR, 3 XR)
 Class 385 : OPTICAL WAVEGUIDES
 385/15 WITH OPTICAL COUPLER
 385/31 .Input/output coupler
 385/37 ..Grating

3 310/313R (2 OR, 1 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/300 NON-DYNAMOELECTRIC
 310/311 .Piezoelectric elements and devices
 310/313R ..Surface acoustic wave devices

3 333/156 (1 OR, 2 XR)
 Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
 333/24R COUPLING NETWORKS
 333/156 .Delay lines including long line elements

3 340/10.41 (2 OR, 1 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/825 SELECTIVE
 340/10.1 .Interrogation response
 340/10.4 ..Response signal detail
 340/10.41 ...Combination response

3 342/114 (0 OR, 3 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/104 DETERMINING VELOCITY
 342/114 .Combined with determining sense of motion
 (i.e., approaching or receding)

3 342/175 (0 OR, 3 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/175 WITH PARTICULAR CIRCUIT

2 310/313D (1 OR, 1 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/300 NON-DYNAMOELECTRIC
 310/311 .Piezoelectric elements and devices
 310/313R ..Surface acoustic wave devices
 310/313B ...Interdigitated electrodes
 310/313D Grating or reflector in wave path

2 333/160 (1 OR, 1 XR)
 Class 333 : WAVE TRANSMISSION LINES AND NETWORKS

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	333/24R	COUPLING NETWORKS
	333/156	.Delay lines including long line elements
	333/160	..Coaxial line
2	333/245	(0 OR, 2 XR)
	Class 333 :	WAVE TRANSMISSION LINES AND NETWORKS
	333/245	LONG LINE ELEMENTS AND COMPONENTS
2	342/132	(1 OR, 1 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/118	DETERMINING DISTANCE
	342/128	.With frequency modulation
	342/130	..Plural modulation
	342/131	...Combined with pulse modulation (e.g., frequency agile)
	342/132With pulse modulation (e.g., "Chirp")
2	342/189	(1 OR, 1 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/175	WITH PARTICULAR CIRCUIT
	342/189	.For correlation
2	342/194	(0 OR, 2 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/175	WITH PARTICULAR CIRCUIT
	342/194	.Complex signal (in phase and quadrature)
2	342/196	(0 OR, 2 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/175	WITH PARTICULAR CIRCUIT
	342/195	.Digital processing
	342/196	..Fast fourier transform (FFT)
2	342/25A	(0 OR, 2 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/25R	SYNTHETIC APERTURE RADAR
	342/25A	.Mapping or imaging using synthetic aperture radar
2	342/25R	(2 OR, 0 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/25R	SYNTHETIC APERTURE RADAR

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- 2 342/375 (2 OR, 0 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/368 .Including a steerable array
 342/375 ..With a delay line (e.g., serpentine
 transmission line, frequency scanning)
- 2 342/378 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/378 .Utilizing correlation techniques
- 2 342/43 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/42 RADAR TRANSPONDER SYSTEM
 342/43 .Combined with primary radar system
- 2 342/47 (1 OR, 1 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/42 RADAR TRANSPONDER SYSTEM
 342/46 .Navigational
 342/47 ..Distance measuring equipment (DME)
- 2 342/50 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/42 RADAR TRANSPONDER SYSTEM
 342/50 .With Telemetry
- 2 343/720 (0 OR, 2 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/720 .Combined with diverse-type art device
- 2 343/721 (0 OR, 2 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/720 .Combined with diverse-type art device
 343/721 ..Light
- 2 343/778 (0 OR, 2 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS

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343/772 .Wave guide type (e.g., horn)
 343/776 ..Plural
 343/778 ...With phasing

2 348/614 (2 OR, 0 XR)
 Class 348 : TELEVISION
 348/571 IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO
 TELEVISION
 348/607 .Noise or undesired signal reduction
 348/614 ..Ghost elimination (e.g., multipath)

2 385/24 (2 OR, 0 XR)
 Class 385 : OPTICAL WAVEGUIDES
 385/15 WITH OPTICAL COUPLER
 385/24 .Plural (e.g., data bus)

2 385/7 (0 OR, 2 XR)
 Class 385 : OPTICAL WAVEGUIDES
 385/4 DIRECTIONAL OPTICAL MODULATION WITHIN AN
 OPTICAL WAVEGUIDE
 385/7 .Acousto-optic

2 701/217 (0 OR, 2 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/200 NAVIGATION
 701/207 .Employing position determining equipment
 701/217 ..Using dead-reckoning apparatus

2 701/300 (2 OR, 0 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/300 RELATIVE LOCATION

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above 3
abstract 1
accompanying 1
accordance 3
account 3
accurate 2
across 3
addition 1
adjacent 1
adjust 2
adjusted 2
alohg 1
along 4
ambient 1
amount 1
amounts 1
an 14
analog 1
and 37
angle 3
antenna 15
apart 1
aperture 2
apparatus 3
apparent 1
application 1
approach 1
architecture 3
architectures 1
are 7
arrangement 6
array 13
arrays 1
art 3
ary 1
as 16
asic 1
associated 9
at 6
attendant 1
attention 1
auxiliary 4
back 1
background 1
bandpass 6
bandplss 1
based 8

be 10
because 2
been 3
before 1
being 1
benefit 1
block 2
brief 1
but 3
by 13
cab 1
cable 28
calculation 2
calibration 7
can 1
centered 1
change 1
changes 7
chip 1
chirp 31
chirped 1
circuit 1
circuitry 3
circuits 3
clock 1
co 1
common 1
communication 2
compensated 1
compensation 1
components 7
condition 1
configuration 1
consequently 1
considerably 1
contain 1
continuous 1
controlled 2
controller 1
controls 1
convenient 1
conventional 1
converter 1
conveyed 1
correlated 1
correlates 1
correlation 3
correlator 8

coupled 9
 coupler 3
 cover 1
 customarily 1
 dds 1
 degree 1
 delay 18
 delayed 2
 deployed 1
 deriving 1
 described 2
 describing 1
 description 3
 detail 1
 detailed 1
 details 3
 determines 1
 diagram 2
 diagrammatically 2
 different 1
 digital 6
 digitized 1
 diplexer 1
 direct 2
 directed 2
 disclosure 1
 discussed 1
 distributed 1
 divided 1
 do 1
 doc 8
 down 1
 downstream 6
 drawback 1
 drawings 2
 driven 1
 due 3
 effectively 1
 effects 1
 efficient 1
 element 1
 embodiment 3
 employ 1
 employs 2
 end 10
 energy 5
 environment 1
 equipment 1

expected 1
extracted 1
extracts 1
facilitates 1
fact 1
far 1
field 1
figure 2
filter 7
first 2
for 5
frequency 10
from 8
functional 1
gain 1
gcsd 8
gen 1
general 1
generates 1
generation 2
generator 5
grouping 1
groups 1
happens 1
hardware 1
has 3
hase 1
have 1
having 1
herein 2
high 1
how 1
illustrated 2
illustrates 1
illustration 1
implementation 1
implemented 1
improved 1
in 20
inability 1
indication 1
injected 5
injecting 2
input 3
installed 1
integrated 1
intend 1
intended 1

into 7
introduce 1
invention 16
is 29
issue 1
it 1
known 1
large 2
larger 1
length 8
limited 3
linearities 1
link 1
links 1
loading 1
local 1
located 1
location 1
locations 1
lock 1
locked 1
loop 3
major 1
maximize 3
may 3
means 2
measure 2
measured 1
measurement 1
measurements 1
measures 1
method 3
microsecond 1
modifications 2
modular 2
more 1
multiple 1
multiplicity 1
necessary 1
new 1
no 8
non 1
not 3
noted 1
now 2
number 2
numerically 2
numerous 1

obscuration 3
obscure 1
observed 1
obviated 1
obvious 1
of 69
on 1
one 3
only 1
open 1
operating 1
operation 1
operations 1
or 1
ordinary 1
originally 1
oscillator 1
out 2
output 10
outputs 1
over 4
packaged 1
page 8
parallel 1
particularly 1
passband 1
path 9
perform 1
performing 2
person 1
pertinent 1
phase 12
phased 5
physically 1
pico 1
platform 3
pointed 2
points 1
portion 7
practical 1
present 8
primarily 2
problem 2
processing 6
processor 1
produced 3
propagates 1
proposed 1

provide 3
provides 1
ptesent 1
purpose 1
radar 2
range 1
rate 1
rator 1
readily 3
receive 15
receiver 2
receivers 1
reference 10
reflected 7
relates 1
relative 3
relatively 2
remote 7
representative 2
represents 1
resides 1
respect 1
respective 1
return 4
returned 4
returns 1
rf 10
same 2
scheme 1
second 2
separate 1
set 1
shift 2
should 2
show 1
shown 3
shows 1
signal 28
single 2
skill 1
skilled 2
slow 2
so 4
solves 1
source 2
space 1
spaceborne 3
spaced 1

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st 1
stable 1
stage 1
stems 1
subjected 1
substantial 1
subsystems 1
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suffers 1
sun 3
supervisory 1
supplied 2
support 3
susceptible 1
synthesized 1
synthesizer 1
synthetic 2
system 3
systems 2
table 1
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temperature 6
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terrestrial 1
that 18
the 148
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then 1
there 3
therefor 2
therefore 1
therein 1
thereto 1
this 7
those 3
through 11
thus 1
time 1
to 46
total 1
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transmitted 1
transmitter 1
transport 14
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turn 2

10603843_WDS

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understood 2
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upon 1
upstream 3
used 2
value 5
values 2
variation 4
variations 7
version 1
very 3
via 1
was 1
we 2
when 1
where 1
whereby 1
wherein 1
which 10
while 1
wish 1
with 14
within 2
word 3